November 23, 2015

Elbit Systems' DIRCM Systems Successfully Demonstrated on Airbus C295 in NATO EMBOW 15 Trials

Elbit Systems announced today that its MUSIC™ family of Directed Infrared Countermeasure (DIRCM) systems, integrated with the advanced Passive Airborne Warning System (PAWS) IR based missile warning system, were successfully demonstrated on an Airbus C295 aircraft. The demonstration took place in October 2015, during flight test at the NAFAG ACG3 SG/2 EMBOW 15 Trials, at the Bundeswehr WTD91 test site in Meppen, Germany.
During the tests, conducted by a multi-national NATO team, a C295 aircraft with an operationally installed Elbit EW self-protection suite, consisting of the DIRCM system and the PAWS, successfully demonstrated the capability to detect, acquire, track and jam the trial test equipment on the ground, under extreme conditions. The initial assessment of the results highlighted that the system has the capability to successfully jam MANPADS (infra- red, ground to air heat seeking Man-Portable Missiles) from the first, second and third generation, using generic NATO jam codes.

The demonstration was a joint project of Elbit Systems and Airbus Defence & Space (Spain). It was widely supported by the Israeli MoD, the Spanish Air Force and NAFAG ACG3 SG/2 (NATO Air Forces Armaments Group, Air Capability Group 3, Sub Group 2), which is the NATO group responsible for the development and validation of air platform protection solutions.

Elbit Systems' MUSIC family of DIRCM systems provides protection for aircraft from MANPADS. These systems integrate an advanced fiber laser technology together with a high rate thermal tracking camera and a small, highly dynamic mirror turret to provide effective, reliable and affordable protection to all types of aircraft and under all operational conditions.

The PAWS family of combat proven missile warning systems uses IR to reliably and rapidly detect the most advanced threats in all flight conditions. The PAWS family is in use and under contract with more than 10 customers worldwide, in a large variety of platforms, including jet fighters, and other fixed and rotary-wing aircraft.

The MUSIC family of DIRCM systems have been extensively and successfully tested by various countries and are in full scale production for numerous customers around the world, including Germany, Italy, Brazil Israel and others. They are operational on military, VIP and commercial helicopters and

other fixed-wing aircraft.

Elbit Systems is currently under contract to supply more than 110 DIRCM systems to over ten customers, for installation on 20 different fixed and rotary-wing platform types.

About Elbit Systems

Elbit Systems Ltd. is an international high technology company engaged in a wide range of defense, homeland security and commercial programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems, advanced electro-optics, electro-optic space systems, EW suites, signal intelligence systems, data links and communications systems, radios and cyber-based systems. The Company also focuses on the upgrading of existing platforms, developing new technologies for defense, homeland security and commercial applications and providing a range of support services, including training and simulation systems.

For additional information, visit: www.elbitsystems.com, follow us on Twitter or visit our official Youtube Channel

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